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Patent

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Date: August 8, 2005

Type or Print Name of Person Certifying

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of: Gates, Jr. et al. )  
Serial No. 10/799,827 )  
Filed: March 12, 2004 )  
For: ALUMINA COATING, COATED )  
PRODUCT AND METHOD OF MAKING )  
THE SAME )

Group Art Unit: 1774

Examiner:

ASSISTANT COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, it is requested that the references listed on the attached Forms PTO/SB/08A and PTO/SB/08B be made of record in the above identified application. Enclosed herewith are copies of each of the documents listed on the PTO forms. If some of the documents have markings thereon, applicants do not intend to attach any significance to such markings.

Applicants do not believe that any fees are necessary since these documents were cited in the PCT International Search Report mailed July 13, 2005. Further, to applicants' knowledge, a first action on the merits has not been mailed. If any fees are necessary, the Commissioner is hereby authorized to charge fees necessary to enter this paper and obtain consideration of the documents identified on the attached listing to Deposit Account No. ~~02-2267~~

  
Respectfully submitted,

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*(Use as many sheets as necessary)*

Sheet	1	of	2
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**Complete if Known**

Application Number	10/799,827
Filing Date	March 12, 2004
First Named Inventor	Gates, Jr. et al.
Art Unit	1774
Examiner Name	to be assigned
Attorney Docket Number	K-1977

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/799,827
		Filing Date	March 12, 2004
		First Named Inventor	Gates, Jr. et al.
		Art Unit	1774
		Examiner Name	to be assigned
Sheet 2	of 2	Attorney Docket Number	K-1977

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		S. RUPPI et al, "Chemical Vapour Deposition of K-Al <sub>2</sub> O <sub>3</sub> ", Thin Solid Films 388 (2001) pp. 50-61	
		COLOMBIER et al., "Formation of Mixed TiC/Al <sub>2</sub> O <sub>3</sub> Layers and alpha- and kappa-Al <sub>2</sub> O <sub>3</sub> on Cemented Carbides by Chemical Vapour Deposition", Jr. of Mat. Sci, 24 (1989) pp. 462-470	
		T. SCHMITT et al., "Influence of Temperature and Substrate On Al <sub>2</sub> O <sub>3</sub> CVC From AlCl <sub>3</sub> /M <sub>2</sub> /CO <sub>2</sub> Gas Mixtures" XP-000874742 P.d. (1983) pp. 421-427	
		YI-FENG SU et al., "Effects of an Electroplated Platinum Interlayer on the Morphology and Phases of Chemically-Vapor-Deposited Alumina on Single-Crystal, Nickel-Based Superalloy" J. Am. Cer. Soc. 85 (8) (2002) pp. 2089-96	
		Abstract of YI-FENG Su et al., "Effects of an Electroplated Platinum Interlayer on the Morpholgy and Phases of Chemically-Vapor-Deposited Alumina on Single-Crystal, Nickel-	
		Based Superalloy" J. Am. Cer. Soc. 85 (8) (2002) (2 pgs.)	
		International Search Report, International Patent Application No. PCT/US2005/008012	
		Written Opinion of the International Searching Authority, Interantional Patent Application No. PCT/US2005/008012	
		Notification of Transmittal of the International Search Report and the Written Opinion of the Int'l Searching Authority of Int'l Patent Application No. PCT/US2005/008012	

Examiner Signature	Date Considered
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